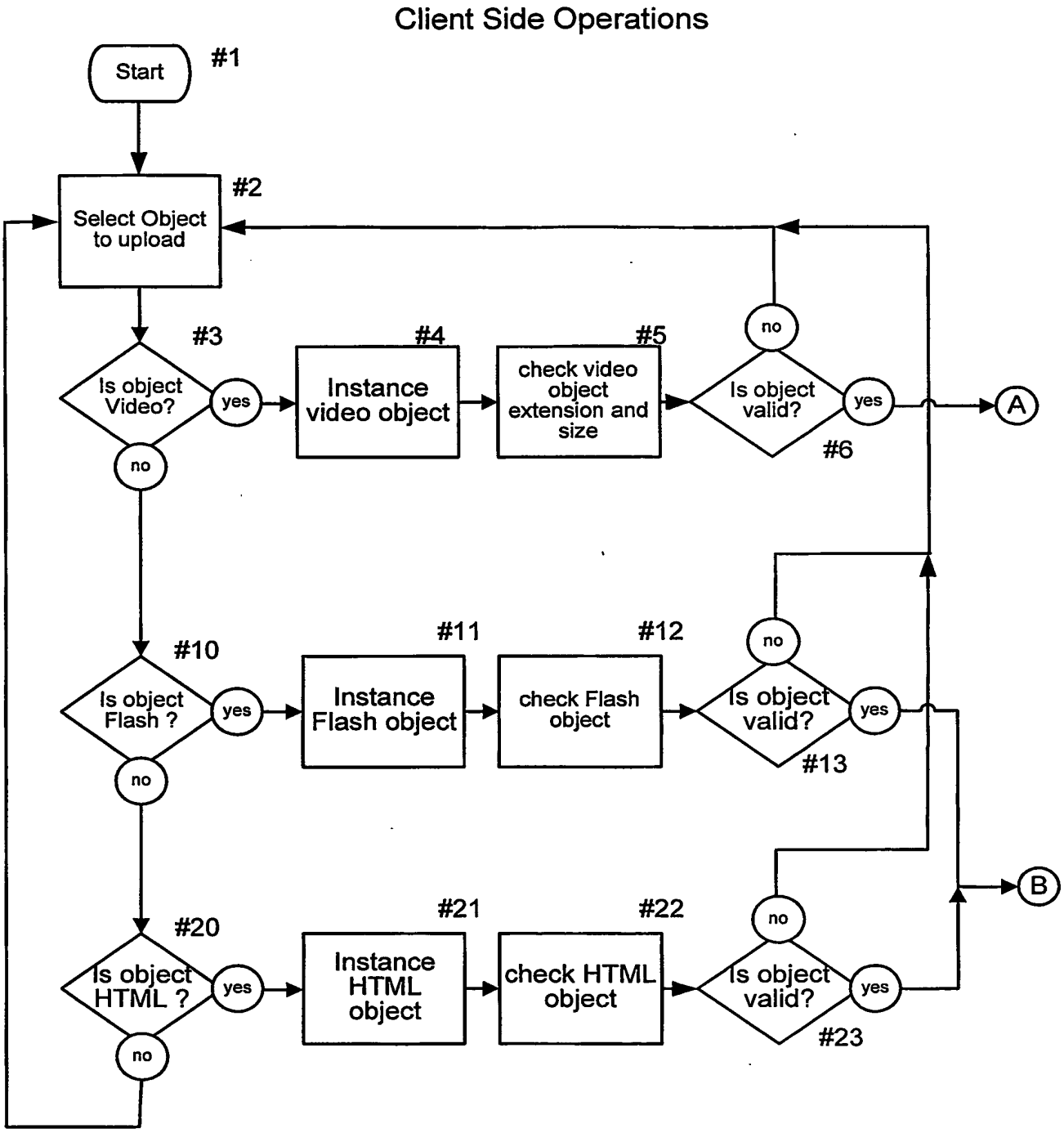
Figure 1A


Client Side Operations
Start
#1
Select Object to upload
#2
Is object Video?
#3
yes
no
Instance video object
#4
check video object extension and size
#5
Is object valid?
yes
no
#6
A
Is object Flash ?
#10
yes
no
Instance Flash object
#11
check Flash object
#12
Is object valid?
yes
no
#13
Is object HTML ?
#20
yes
no
Instance HTML object
#21
check HTML object
#22
Is object valid?
yes
no
#23
B

Server Side Operations

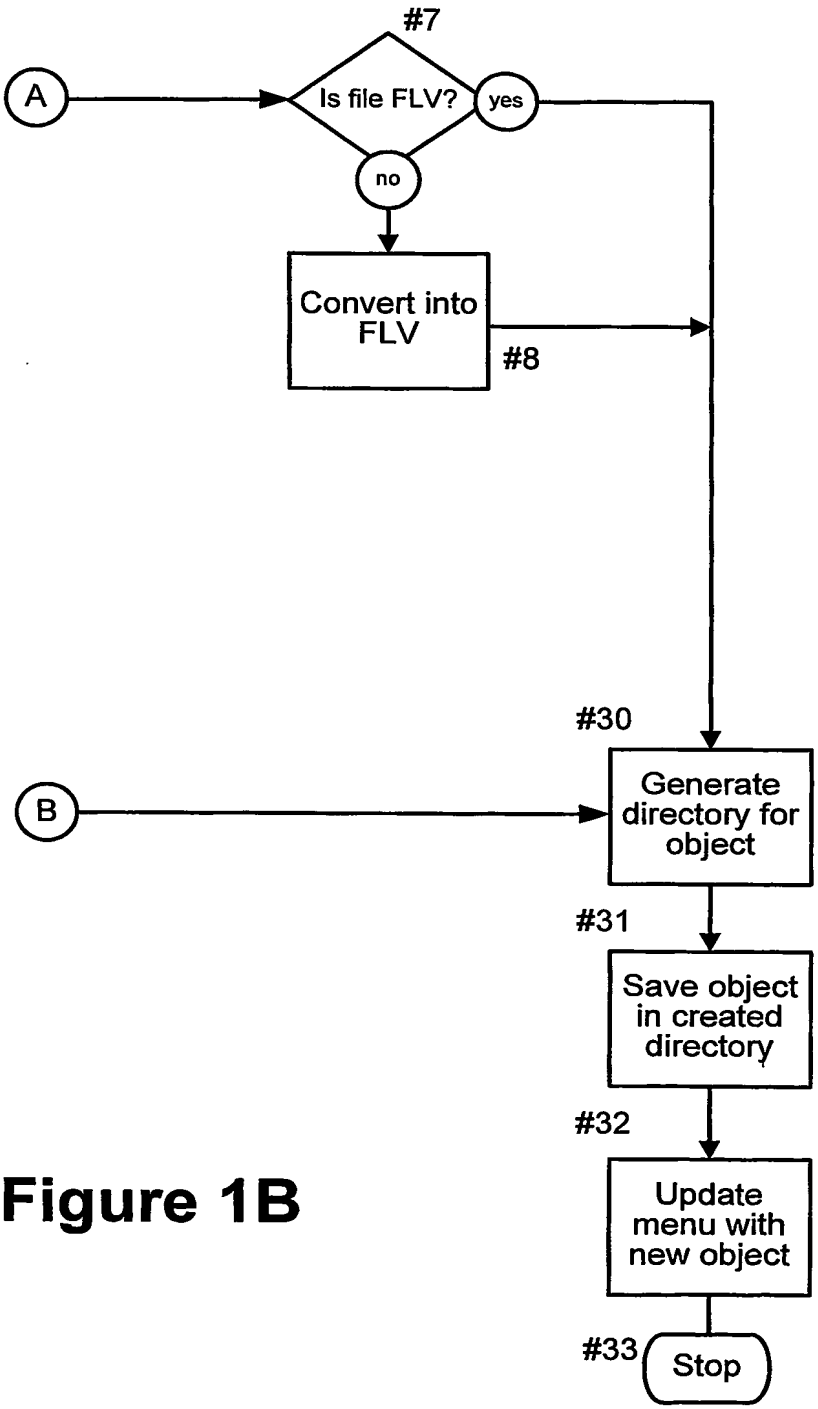


Figure 1B

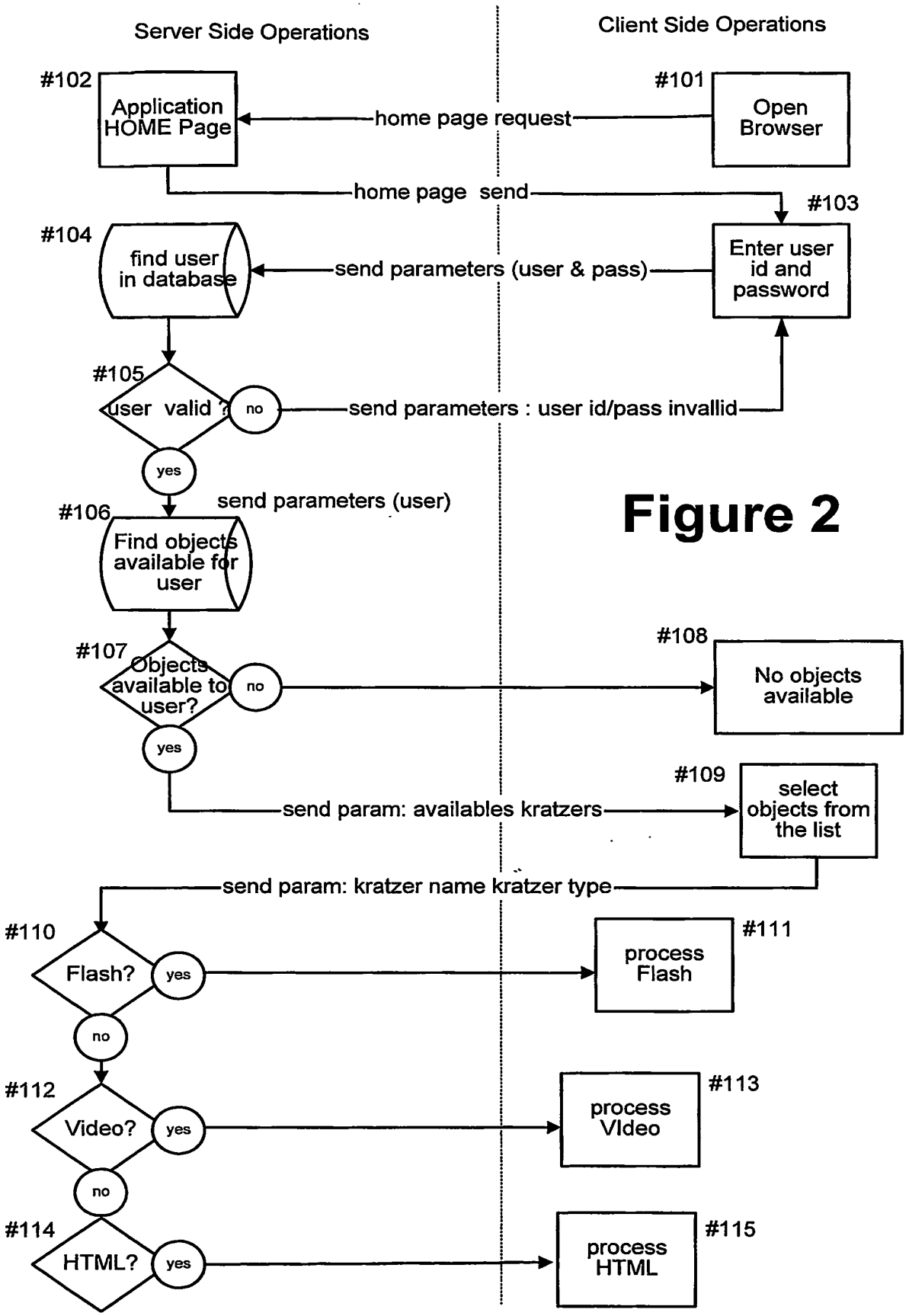

Server Side Operations
Client Side Operations
#102
Application HOME Page
home page request
#101
Open Browser
home page send
#103
#104
find user in database
send parameters (user & pass)
Enter user id and password
#105
user valid ?
no
send parameters : user id/pass invallid
yes
send parameters (user)
#106
Find objects available for user
#107
Objects available to user?
no
#108
No objects available
yes
#109
select objects from the list
send param: availables kratzers
send param: kratzer name kratzer type
#110
Flash?
yes
process Flash
#111
no
#112
Video?
yes
process VIdeo
#113
no
#114
HTML?
yes
process HTML
#115

Figure 2

Figure 3

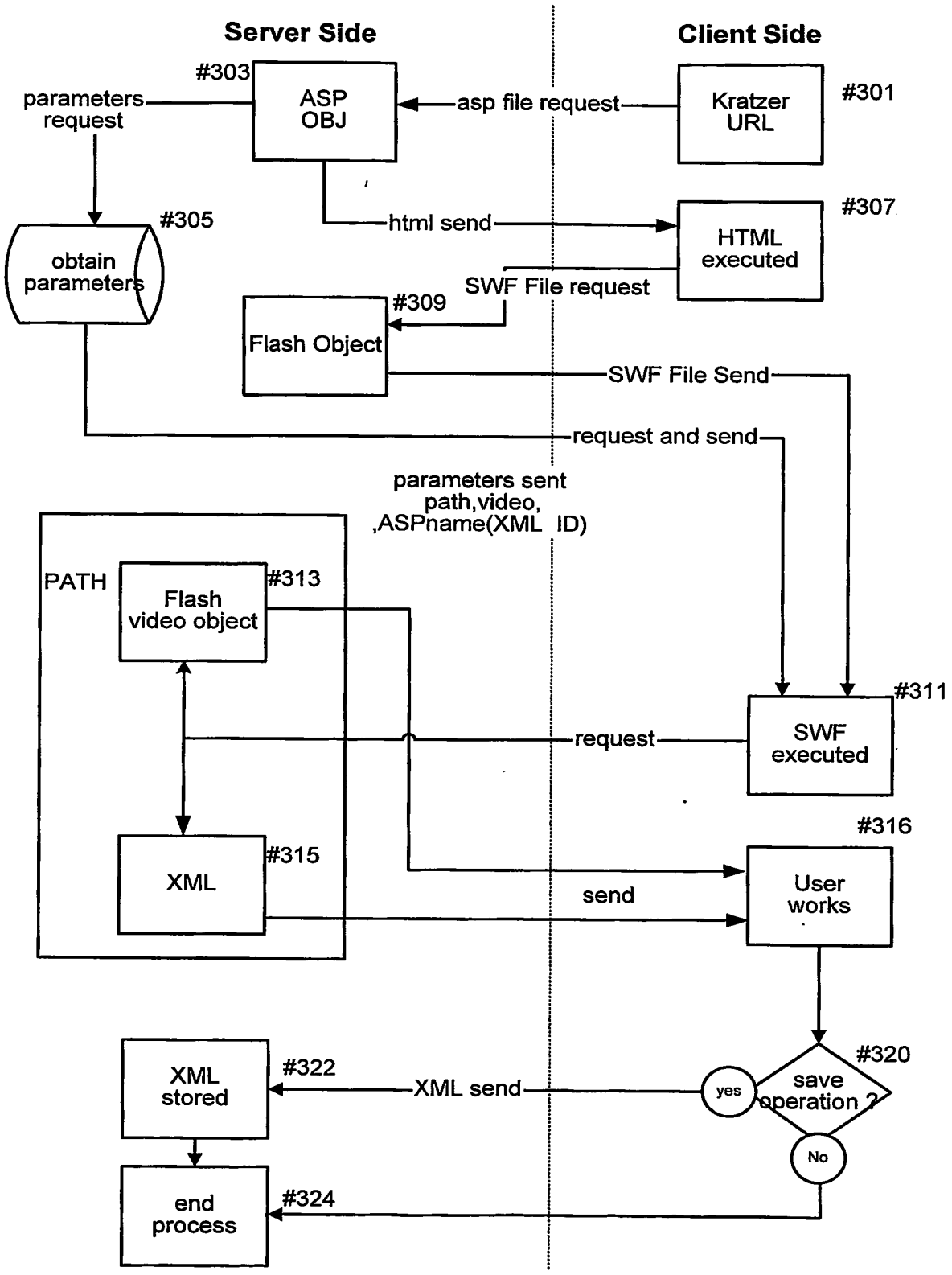

Server Side
Client Side
#303
ASP OBJ
parameters request
asp file request
Kratzer URL
#301
#305
obtain parameters
html send
#307
HTML executed
SWF File request
#309
Flash Object
SWF File Send
request and send
parameters sent path,video, ,ASPname(XML ID)
PATH
#313
Flash video object
#311
request
SWF executed
#316
#315
XML
send
User works
#322
XML stored
XML send
yes
#320
save operation ?
No
end process
#324

Figure 4

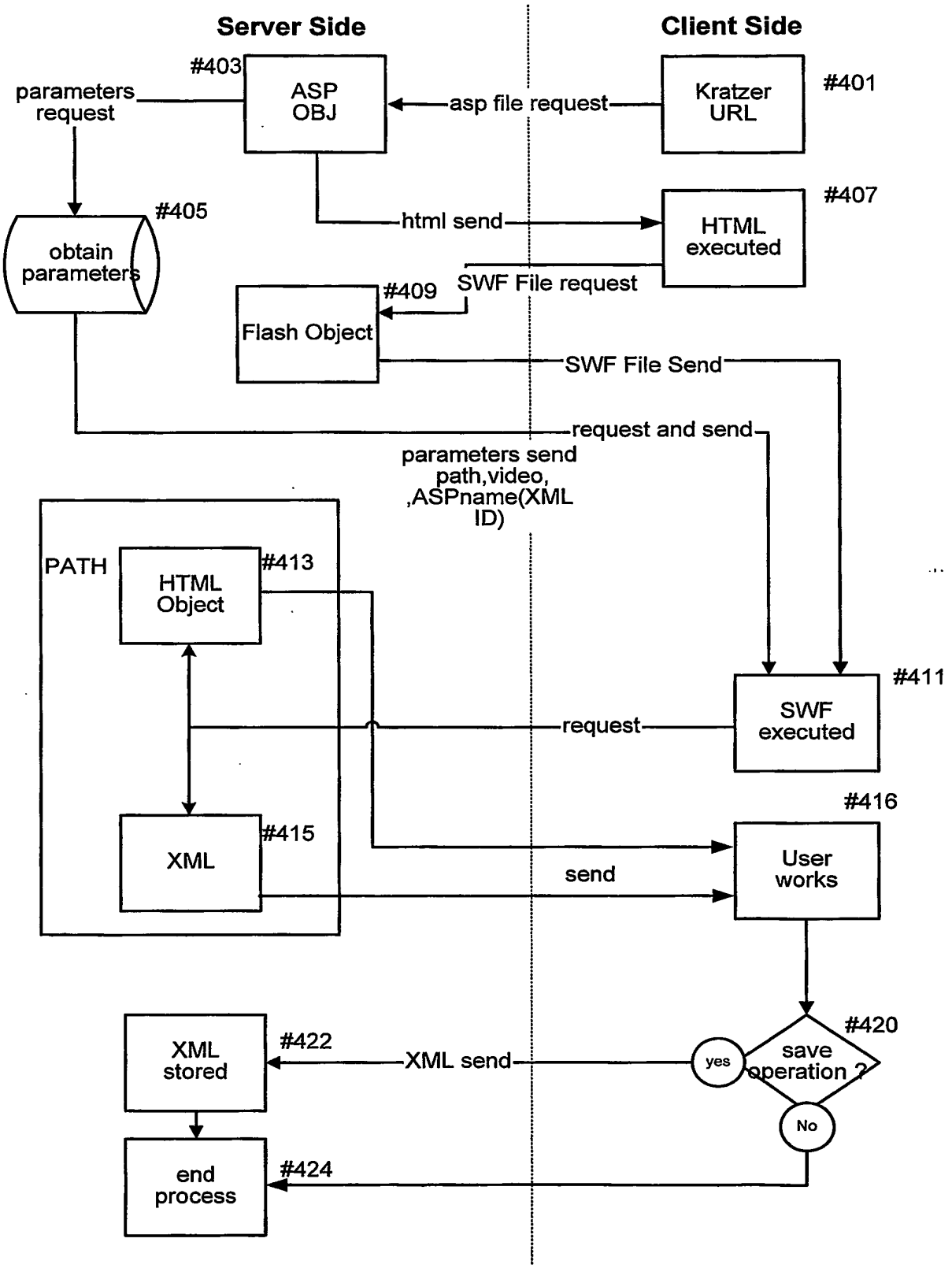
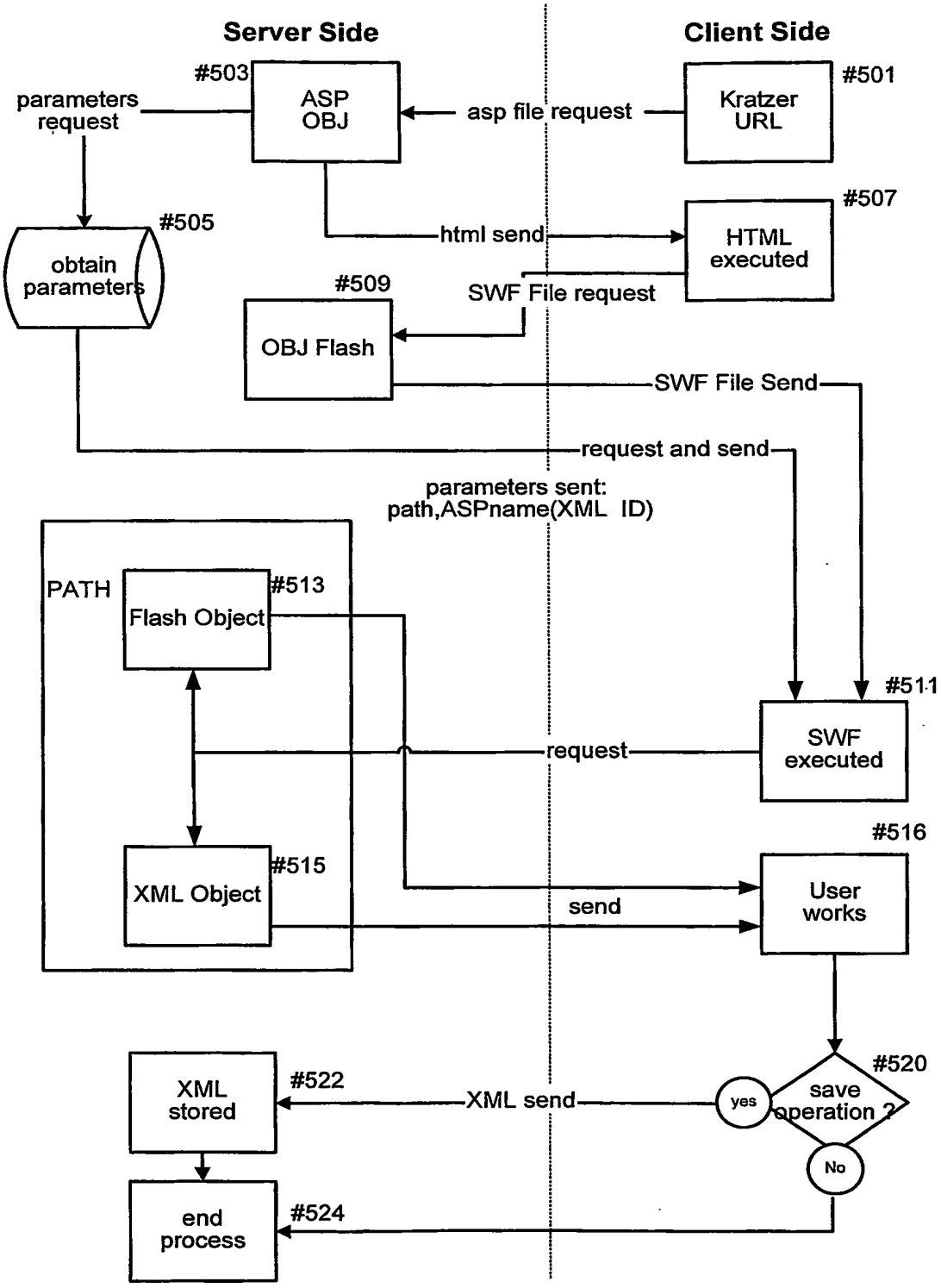

Server Side
Client Side
#403
ASP OBJ
parameters request
asp file request
Kratzer URL
#401
#405
obtain parameters
html send
#407
HTML executed
#409
Flash Object
SWF File request
SWF File Send
request and send
parameters send path,video, ,ASPname(XML ID)
PATH
HTML Object
#413
#411
SWF executed
request
#416
XML
#415
User works
send
XML stored
#422
XML send
yes
save operation ?
#420
No
end process
#424

Figure 5


Server Side
Client Side
#503
ASP OBJ
parameters request
asp file request
Kratzer URL
#501
#505
obtain parameters
html send
HTML executed
#507
#509
OBJ Flash
SWF File request
SWF File Send
request and send
parameters sent: path,ASPname(XML ID)
PATH
#513
Flash Object
#511
SWF executed
request
#516
#515
XML Object
send
User works
#520
XML stored
#522
XML send
yes
save operation ?
No
end process
#524

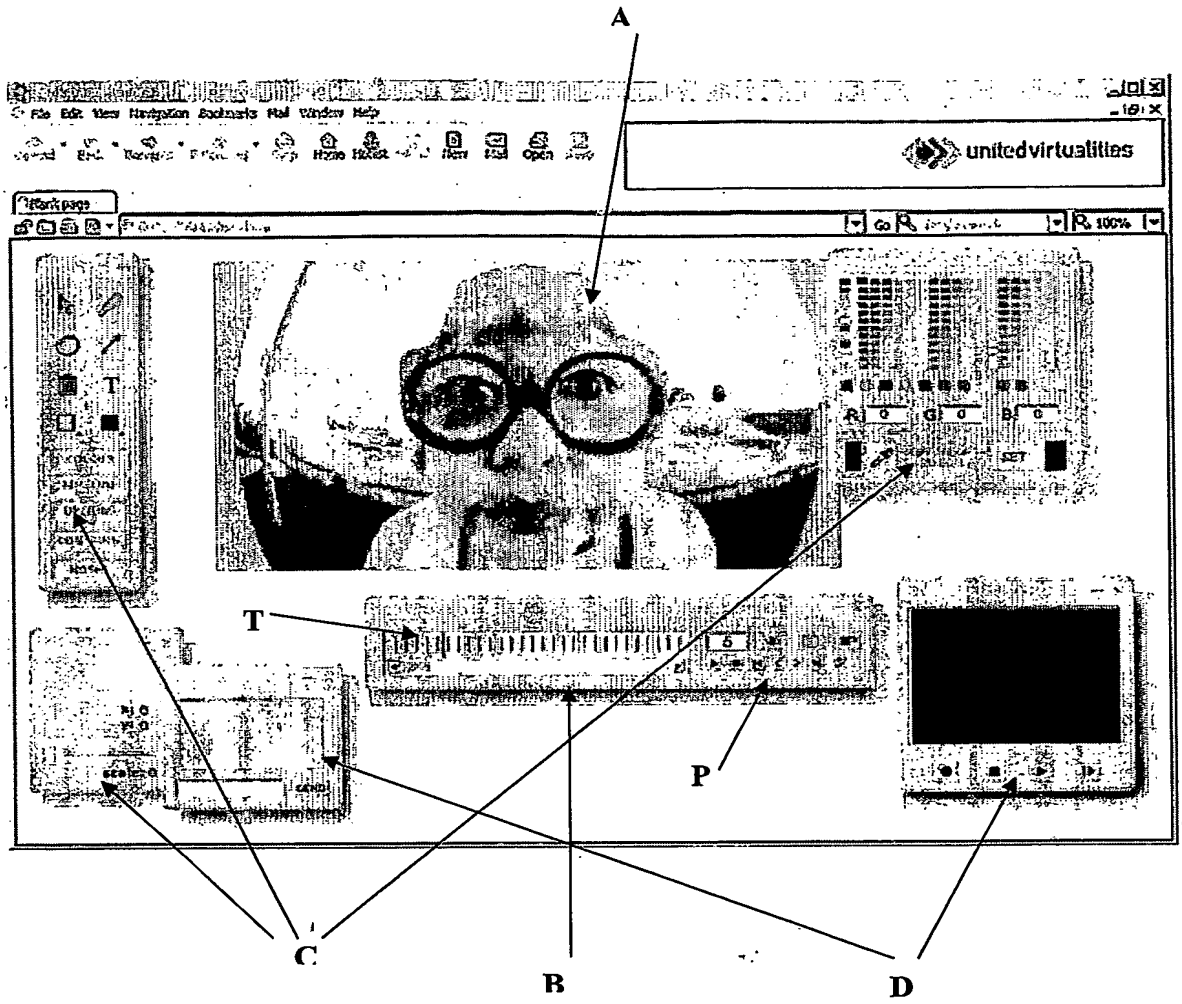



Figure 6